Future Flight Design			
2004 Mathematics			
Grade Expectations			
Vermont Mathematics			
Grade 5			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	VT	MA.5.M5:25	Identifies or describes representations or elements of representations that best display a given set of data or situation, consistent with the representations required in M5:23. Organizes and displays data using line plots, bar graphs, tally charts and frequency charts, or tables to answer question related to the data, to analyze the data to formulate or justify conclusions, to make predictions, or to solve problems.
Air Transportation Problem	VT	MA.5.M5:28	In response to a teacher- or student-generated question or hypothesis, collects appropriate data, organizes the data, appropriately displays/represents numerical and/or categorical data, analyzes the data to draw conclusions about the questions or hypothesis being tested, and when appropriate makes predictions, asks new questions, or makes connections to real-world situations.
Future Flight Design			
2004 Mathematics			
Grade Expectations			
Vermont Mathematics			
Grade 6			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	VT	MA.6.M6:25	Organizes and displays data using bar graphs, tables, frequency tables, line plots, circle graphs, and stem-and-leaf plots to answer question related to the data, to analyze the data to formulate or justify conclusions, or to make predictions.
Air Transportation Problem	VT	MA.6.M6:28	In response to a teacher- or student-generated question, makes a hypothesis, collects appropriate data, organizes the data, appropriately displays/represents numerical and/or categorical data, analyzes the data to draw conclusions about the questions or hypothesis being tested, and when appropriate makes predictions, asks new questions, or makes connection to real-world situations.
Future Flight Design			

2004 Mathematics			
Grade Expectations			
Vermont Mathematics			
Grade 7			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	VT	MA.7.M7:25	Identifies or describes representations or elements of representations that best display a given set of data or situation, consistent with the representations required in M7:23. Organizes and displays data using line graphs or histograms, bar graphs, tables, frequency tables, line plots, and stem-and-leaf plots to answer question related to the data, to analyze the data to formulate or justify conclusions, or to make predictions.
Air Transportation Problem	VT	MA.7.M7:28	In response to a teacher- or student-generated question, makes a hypothesis, collects appropriate data, organizes the data, appropriately displays/represents numerical and/or categorical data, analyzes the data to draw conclusions about the questions or hypothesis being tested, and when appropriate makes predictions, asks new questions, or makes connection to real-world situations.
Future Flight Design			
2004 Mathematics			
Grade Expectations			
Vermont Mathematics			
Grade 8			
Activity/Lesson	**State**	**Standards**	
Air Transportation Problem	VT	MA.8.M8:25	Organizes and displays data using scatter plots to answer questions related to the data, to analyze the data to formulate or justify conclusions, to make predictions, or to solve problems; or identifies representations or elements of representations that best display a given set of data or situation, consistent with the representations required in M8: 23.

Air Transportation Problem	VT	MA.8.M8:28	In response to a teacher- or student-generated question, makes a hypothesis, collects appropriate data, organizes the data, appropriately displays/represents numerical and/or categorical data, analyzes the data to draw conclusions about the questions or hypothesis being tested, and when appropriate to make predictions, asks new questions, or makes connection to real-world situations. (See also GLEs M24, M25 and M29.)